

ABSTRACT

Described are mechanisms and techniques for enabling incremental non-chronological synchronization of namespaces. In an environment, entities must have unique names within a namespace and entities may only refer to entities that actually exist within the namespace. Synchronizing two such namespaces involves providing a mechanism for indicating that an entity has been created because a reference to that entity has been made even though that entity does not yet exist. At such time as the entity is formally created, the indication is removed. Synchronizing two such namespaces also involves providing a mechanism for indicating that an entity's unique name in the namespace has been compromised through the synchronization process.